

Title (en)
FLEXIBLE MEDICAL TUBE CONNECTOR

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EP 0579916 A3 19940824 (DE)

Application
EP 93107528 A 19930508

Priority
DE 4222501 A 19920709

Abstract (en)
[origin: EP0579916A2] For connection of the pressure end of the pump hose (10) of a peristaltic pump to the connector (15) of a connecting hose (16) the pump hose (10) is pushed without adhesive onto the connector (15). In the event of occlusion of the connecting hose (16) the pressure in the pump hose (10) rises and is relieved via an automatically closing pressure relief valve (26). The opening pressure of the pressure relief valve (26) is lower than the pressure at which the pump hose (10) and the connector (15) become detached from one another. The pressure relief valve (26) is formed by a cut out at one site on the circumference of a ring (22) extending around the outside of the connector (15). <IMAGE>

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IPC 8 full level
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CPC (source: EP)
A61M 5/16831 (2013.01); **A61M 39/12** (2013.01); **A61M 2039/1027** (2013.01)

Citation (search report)
• [XA] FR 1215732 A 19600420
• [XA] DE 1766739 A1 19710304 - SARNS INC
• [DA] DE 3909657 A1 19900927 - BRAUN MELSUNGEN AG [DE]

Cited by
US7559911B2; US7914049B2; WO2005019648A1; WO2005023338A1

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